

AWC Volume SE SC SW W AR IN USGS Quad Seward A3

Anadromous Water Catalog Number of Waterway 226-40-16541

Name of Waterway _____ USGS name _____ Local name _____

Addition ☒ Deletion _____ Correction _____ Backup Information _____

For Office Use

Nomination # <u>94 125</u>	<u>[Signature]</u> Regional Supervisor	<u>11/9/94</u> Date
Revision Year: <u>94</u>	<u>[Signature]</u>	<u>12/28/93</u>
Revision to: Atlas _____ Catalog _____	<u>2. Inoue</u>	<u>2/2/94</u>
Both <u>X</u>	Drafted	Date
Revision Code: <u>A-2</u>		

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
Pink Salmon / Adult	8/30/93	7			<input checked="" type="checkbox"/>

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as any other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments: 7 adult pink salmon were visually identified during foot survey of this stream. The barrier is a slide, 1.5 meters in height which also marks the upper extent of pinks. Channel width is 4 meters at the mouth and the barrier. Gradient is 3 percent.

ALASKA DEPT. OF
FISH & GAME

Name of Observer (please print) KATHA IN SUNDET NOV 02 1993
Date: 10/7/93 Signature: Kathrin Sundet REGION II
Address: 333 RASPBERRY HABITAT AND RESTORATION
ANCHORAGE AK 99518 DIVISION

This certifies that in my best professional judgement and belief the above information is evidence that this waterbody should be included in or deleted from the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist: _____

Rev. 7/93

STREAM: EVANS - 84 QUAD: Seward A3 STAGE: H M L
LANDOWNER: Chenega CAC Eyak Tatitlek Pt. Graham English Bay (circle one)
DATE(s): 8/12/93 UTM ZONE: 6
GPS FILES: B081300A

[illegible]

VIDEO TAPE(s): WG-01.

FRAME	DESCRIPTION	DATE	
10	beginning of stream	8/10	mouth
11	20 yds up	8/10	end seg 1, start seg 2.
12	back to down segment 1	8/10	end seg 2 = barrier
13	back up to st. segment 2		
14	logjam barrier		

(Please enter comments on the other side)

STREAM HABITAT ASSESSMENT 1993 - SEGMENTS

STREAM: EVANS ISLAND - 04 SEGMENT: 0-01 DATE: 8/10/93 TEAM: WES KATHIN
 ANADROMOUS: y n WIDTH (m): 4-4 LENGTH (m): 80 GPS DATE: ___/___/___ DIGITIZE: y n
 WATERBODY: mainstem tributary lake/pond wetland intertidal other: ___

8-30

FISH					WILDLIFE		
SPECIES	STAGE (A J U)	COUNT	METHOD (E V D)	COMMENTS	SPECIES	COUNT	COMMENTS
PINK	<u>A</u>	<u>6</u>	<u>V</u>	<u>in pool 3/30</u>	<u>Stellers Jay</u>	<u>2</u>	<u>Extremely vocal</u>
PINK	<u>A</u>	<u>1</u>	<u>V</u>	<u>dead 2/13</u>			

GRADIENT(%): 3 CHANNEL PROFILE: V □ □ U V —
 A B C D E F

CHANNEL PATTERN: single multi braided

STREAM SUBSTRATE: BEDROCK BOULDER RUBBLE 1 COBBLE 3
 (rank three most predominant types) GRAVEL 5 SAND MUD/SILT ORGANICS OTHER:

STREAM COVER TYPE: ORGANIC DEBRIS DEAD BRANCHES/TWIGS ✓ LOGS ✓ BOULDERS
 CUT BANK OVERHANGING VEGET. OTHER:

STREAM COVER ABUNDANCE: none low medium high

RIPARIAN VEGETATION (three most abundant plants in order of dominance) within 20m of the banks:

OVERSTORY: Sitka Spruce
 UNDERSTORY: Alder (Small Hemlock)

CANOPY ABOVE STREAM: none low medium high

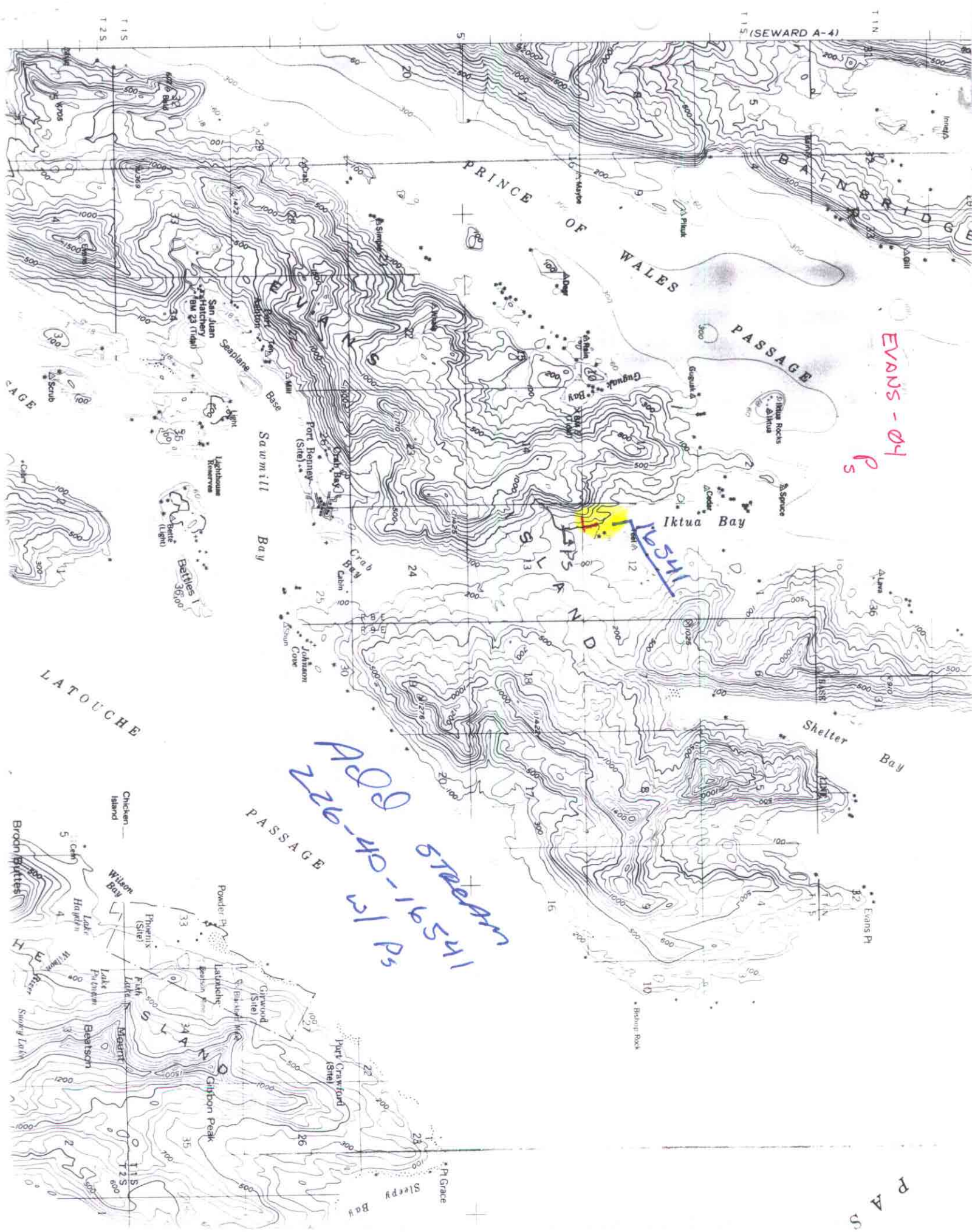
GROWTH: mature secondary shrubs meadow muskeg intertidal

TOTAL BARRIER: YES BARRIER TO SPECIES: PINK adults juveniles

TYPE: fall slide beaverdam logjam spring substrate HEIGHT (m): 1.5 DIST. FROM UPPER EXTENT (m):

PHOTO ROLL(s): <u>KS-06</u>		VIDEO TAPE(s): <u> </u>	
FRAME	DESCRIPTION	DATE	DESCRIPTION
<u>31</u>	<u>barrier at 6:44:30 8/30</u>		

Substrate: Bedrock (solid) Boulder >1' Rubble 6-12" Cobble 2-6" Gravel .1-2" Sand <.1"
 (Please enter comments on the other side)



(SEWARD A-4)

PRINCE OF WALES

PASSAGE

Iktua Bay

Shelter Bay

LATOCHE

PASSAGE

16541
226-40-16541
Stream

EVANS-04
P

P
A
S

STREAM HABITAT ASSESSMENT 1993 - SEGMENTS

STREAM: EVANS-04 SEGMENT: 0-02 DATE: 8/10/93 TEAM: WES Kathrin
 ANADROMOUS: y n WIDTH (m): 3-2 LENGTH (m): _____ GPS DATE: ____/____/____ DIGITIZE: y n
 WATERBODY: mainstem tributary lake/pond wetland intertidal other: _____

FISH					WILDLIFE		
SPECIES	STAGE (A J U)	COUNT	METHOD (E V D)	COMMENTS	SPECIES	COUNT	COMMENTS
<u>Dolly</u>	<u>A</u>	<u>3</u>	<u>✓</u>				

GRADIENT(%): 3 CHANNEL PROFILE: (V) (A) (B) (C) (D) (E) (F)
 CHANNEL PATTERN: single multi braided
 STREAM SUBSTRATE: (rank three most predominant types) BEDROCK 1 BOULDER _____ RUBBLE 2 COBBLE 3
 GRAVEL _____ SAND _____ MUD/SILT _____ ORGANICS _____ OTHER: _____
 STREAM COVER TYPE: ORGANIC DEBRIS _____ DEAD BRANCHES/TWIGS _____ LOGS ✓ BOULDERS ✓
 CUT BANK ✓ OVERHANGING VEGET. ✓ OTHER: _____
 STREAM COVER ABUNDANCE: none low medium high

RIPARIAN VEGETATION (three most abundant plants in order of dominance) within 20m of the banks:

OVERSTORY: Sitka spruce
 UNDERSTORY: Hemlock Alder Ferns

CANOPY ABOVE STREAM: none low medium high

GROWTH: mature secondary shrubs meadow muskeg intertidal

TOTAL BARRIER? (y) n BARRIER TO SPECIES: All adults juveniles

TYPE: fall slide beaverdam logjam spring substrate HEIGHT (m): 2m DIST. FROM UPPER EXTENT (m): _____

PHOTO ROLL(s): <u>KS-03</u>		VIDEO TAPE(s): _____	
FRAME	DESCRIPTION	DATE	DESCRIPTION
<u>14</u>	<u>Bedrock chute</u>		

Substrate: Bedrock (solid) Boulder >1' Rubble 6-12" Cobble 2-6" Gravel .1-2" Sand <.1"
 (Please enter comments on the other side)

No monication for this segment.

MEMORANDUM

State of Alaska

DEPARTMENT OF FISH & GAME

TO: Ed Weiss
Habitat Biologist
Region II
Habitat and Restoration Division
Department of Fish and Game

DATE: November 2, 1993

FILE NO.:

TELEPHONE NO.: 267-2295

SUBJECT: Anadromous Stream
Nominations
and Corrections
Project R-51

FROM: Kathrin Sundet *KS*
Habitat Biologist
Region II
Habitat and Restoration Division
Department of Fish and Game

Attached are anadromous stream nominations and corrections to be included in the Anadromous Waters Catalog for 46 streams surveyed in the summer of 1993 on private lands held by the Chenega and Chugach Alaska Corporations in southwest Prince William Sound.

Streams were surveyed by the Alaska Department of Fish and Game, Habitat and Restoration Division personnel, Kathrin Sundet, Jeff Barnhart, Dan Grey, and Wes Ghormley as part of Exxon Valdez Oil Spill Restoration project R-51 aka SHA (Stream Habitat Assessment).

Streams were surveyed on foot from the intertidal zone to the upper extent of anadromous fish distribution. Adult salmon and Dolly Varden were visually identified and enumerated. Juvenile salmon were visually identified in the stream, and then captured by electroshocking, dipnet, or minnow trap to confirm identification. Sampling was conducted periodically along the stream to determine the presence of juvenile salmon. No attempt was made to determine the rearing population sizes of juvenile salmon, or to determine the total escapement of adult salmon in a stream.

Stream data are on file at the Alaska Department of Fish and Game, Habitat and Restoration office, 333 Raspberry Road, Anchorage, Alaska.

cc: Lance Trasky
Don McKay
Mark Kuwada